

10/567,788A Yong Chu 10/04/2011

Connecting via Winsock to STN at pto-stn on port 23

;

Welcome to STN International! Enter x:X

LOGINID:ssptaylc1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1	DEC 21	CAS Learning Solutions -- a new online training experience
NEWS	2	JAN 24	The new and enhanced DPCI file on STN has been released
NEWS	3	JAN 26	Improved Timeliness of CAS Indexing Adds Value to USPATFULL and USPAT2 Chemistry Patents
NEWS	4	JAN 26	Updated MeSH vocabulary, new structured abstracts, and other enhancements improve searching in STN reload of MEDLINE
NEWS	5	JAN 28	CABA will be updated weekly
NEWS	6	FEB 23	PCTFULL file on STN completely reloaded
NEWS	7	FEB 23	STN AnaVist Test Projects Now Available for Qualified Customers
NEWS	8	FEB 25	LPCI will be replaced by LDPCI
NEWS	9	MAR 07	Pricing for SELECTing Patent, Application, and Priority Numbers in the USPAT and IFI Database Families is Now Consistent with Similar Patent Databases on STN
NEWS	10	APR 26	Expanded Swedish Patent Application Coverage in CA/CaPlus Provides More Current and Complete Information
NEWS	11	APR 28	The DWPI (files WPINDEX, WPIDS and WPIX) on STN have been enhanced with thesauri for the European Patent Classifications
NEWS	12	MAY 02	MEDLINE Improvements Provide Fast and Simple Access to DOI and Chemical Name Information
NEWS	13	MAY 12	European Patent Classification thesauri added to the INPADOC files, PCTFULL, GBFULL and FRFULL
NEWS	14	MAY 23	Enhanced performance of STN biosequence searches
NEWS	15	MAY 23	Free Trial of the Numeric Property Search Feature in PCTFULL on STN
NEWS	16	JUN 20	STN on the Web Enhanced with New Patent Family Assistant and Updated Structure Plug-In
NEWS	17	JUN 20	INPADOC databases enhanced with first page images
NEWS	18	JUN 20	PATDPA database updates to end in June 2011
NEWS	19	JUN 26	MARPAT Enhancements Save Time and Increase Usability
NEWS	20	JUL 25	STN adds Australian patent full-text database, AUPATFULL, including the new numeric search feature.
NEWS	21	AUG 01	CA Sections Added to ACS Publications Web Editions Platform
NEWS	22	AUG 16	INPADOC: Coverage of German Patent Data resumed, enhanced legal status
NEWS	23	AUG 18	Upgrade now to STN Express, Version 8.5
NEWS	24	SEP 01	CAS Journal Coverage Now Includes Ahead-of-Print Articles for More Than 100 Journal Titles

NEWS 25 SEP 01 Older Versions of STN Express to be Discontinued
Beginning in March 2012
NEWS 26 SEP 09 USAN Database Updates Offer Superior Currency on STN(R)
NEWS 27 SEP 26 STN Adds Canadian Patent Full-text Database - CANPATFULL
NEWS 28 SEP 26 GEOREF and ENCOMPLIT databases were reloaded on
September 24, 2011.
NEWS 29 SEP 26 Updates to the IFIPAT/IFIUDB/IFICDB databases have resumed.
NEWS 30 SEP 26 ECLA Thesaurus in CA/CAPLUS Improves Patent Searching on STN
NEWS 31 SEP 26 Access AUPATFULL and CANPATFULL databases with STN Viewer

NEWS EXPRESS 18 AUGUST 2011 CURRENT WINDOWS VERSION IS V8.5,
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2011.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN customer
agreement. This agreement limits use to scientific research. Use
for software development or design, implementation of commercial
gateways, or use of CAS and STN data in the building of commercial
products is prohibited and may result in loss of user privileges
and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:02:36 ON 04 OCT 2011

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.23	0.23

FILE 'REGISTRY' ENTERED AT 14:03:05 ON 04 OCT 2011
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2011 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 3 OCT 2011 HIGHEST RN 1334285-07-2
DICTIONARY FILE UPDATES: 3 OCT 2011 HIGHEST RN 1334285-07-2

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

TSCA INFORMATION NOW CURRENT THROUGH June 24, 2011.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

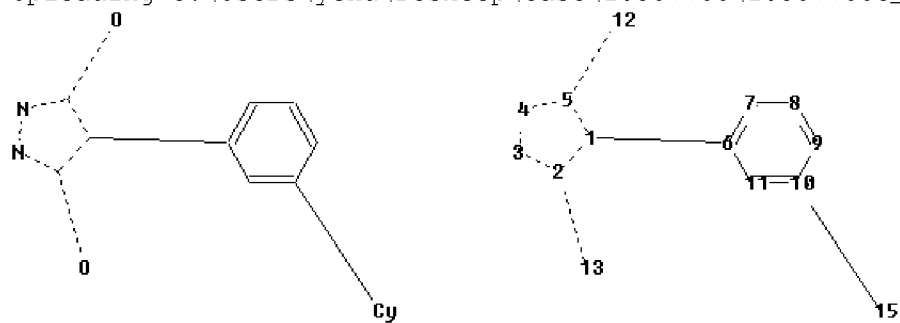
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of

experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Users\ychu\Desktop\Case\10567788\10567788C_10042011.str



chain nodes :

12 13 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

1-6 2-13 5-12 10-15

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-5 2-3 2-13 3-4 4-5 5-12 10-15

exact bonds :

1-6

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11

isolated ring systems :

containing 6 :

Connectivity :

12:1 E exact RC ring/chain 13:1 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom

11:Atom 12:CLASS 13:CLASS 15:Atom

Generic attributes :

15:

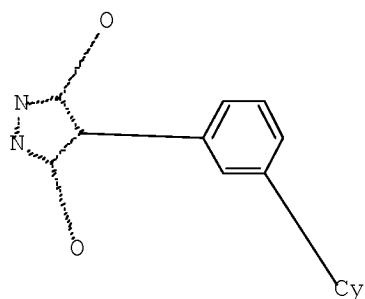
Saturation : Unsaturated

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:03:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 277 TO ITERATE

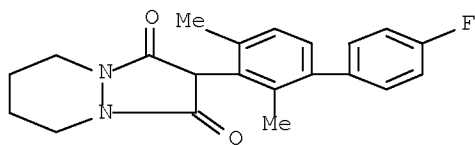
100.0% PROCESSED 277 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4542 TO 6538
PROJECTED ANSWERS: 44 TO 476

L2 13 SEA SSS SAM L1

=> d scan

L2 13 ANSWERS REGISTRY COPYRIGHT 2011 ACS on STN
IN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro-
MF C21 H21 F N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):s l1 full
'S L1 FULL' IS NOT VALID HERE

To display more answers, enter the number of answers you would like to see. To end the display, enter "NONE", "N", "0", or "END".
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s l1 full

FULL SEARCH INITIATED 14:03:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5094 TO ITERATE

100.0% PROCESSED 5094 ITERATIONS

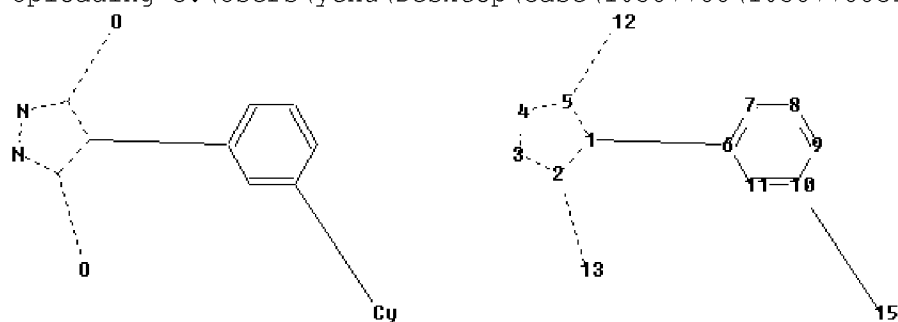
169 ANSWERS

SEARCH TIME: 00.00.01

L3 169 SEA SSS FUL L1

=>

Uploading C:\Users\ychu\Desktop\Case\10567788\10567788C1_10042011.str



chain nodes :

12 13 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

1-6 2-13 5-12 10-15

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-5 2-3 2-13 3-4 4-5 5-12 10-15

exact bonds :

1-6

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11

isolated ring systems :

containing 1 : 6 :

Connectivity :

12:1 E exact RC ring/chain 13:1 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom

11:Atom 12:CLASS 13:CLASS 15:Atom

Generic attributes :

15:

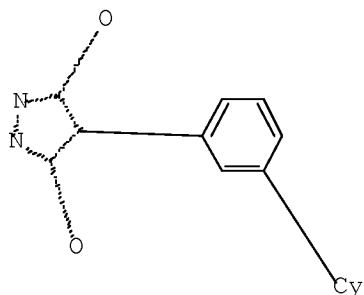
Saturation : Unsaturated

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4 sam sss sub=l3

SAMPLE SUBSET SEARCH INITIATED 14:05:01 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 13 TO ITERATE

100.0% PROCESSED 13 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):

ONLINE **COMPLETE**

PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):

44 TO 476

PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):

1 TO 80

L5 1 SEA SUB=L3 SSS SAM L4

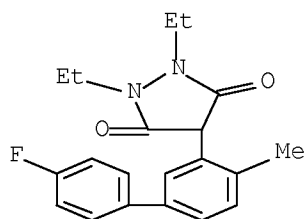
=> d scan

L5 1 ANSWERS REGISTRY COPYRIGHT 2011 ACS on STN

IN 3,5-Pyrazolidinedione,

1,2-diethyl-4-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)-

MF C20 H21 F N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l4 full sss sub=l3

FULL SUBSET SEARCH INITIATED 14:05:26 FILE 'REGISTRY'
 FULL SUBSET SCREEN SEARCH COMPLETED - 169 TO ITERATE

100.0% PROCESSED 169 ITERATIONS 11 ANSWERS
 SEARCH TIME: 00.00.01

L6 11 SEA SUB=L3 SSS FUL L4

=> s l3 not l6

L7 158 L3 NOT L6

=> s l7 and caplus/lc

75811859 CAPLUS/LC
 L8 158 L7 AND CAPLUS/LC

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	251.45	251.68

FILE 'CAPLUS' ENTERED AT 14:06:16 ON 04 OCT 2011
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2011 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Oct 2011 VOL 155 ISS 15

FILE LAST UPDATED: 3 Oct 2011 (20111003/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2011

CAPLUS now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2011.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate
substance identification.

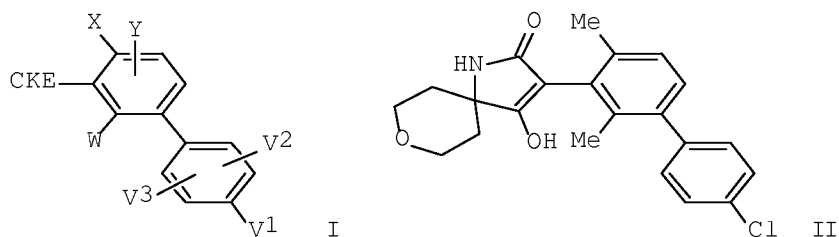
=> s 18

~~L9~~ 4 L8

=> d ibib abs hitstr tot

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN
ACCESSION NUMBER: 2011:1033147 CAPLUS Full-text
DOCUMENT NUMBER: 155:352398
TITLE: Cyclic keto-enols as anticancer agents and their
preparation
INVENTOR(S): Liu, Ningshu; Thede, Kai; Lienau, Philip; Scholz,
Arne; Hilger, Christoph-Stephan; Boemer, Ulf; Najjar,
Maher; Eis, Knut; Fischer, Reiner; Moradi, Wahed Ahmed
PATENT ASSIGNEE(S): Bayer Schering Pharma AG, Germany
SOURCE: PCT Int. Appl., 280pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2011098433	A1	20110818	WO 2011-EP51771	20110208
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
DE 102010008644	A1	20110818	DE 2010-102010008644	20100215
PRIORITY APPLN. INFO.:			DE 2010-102010008644A	20100215
OTHER SOURCE(S):	MARPAT 155:352398			
GI				



AB The invention relates to 5'-biphenyl substituted cyclic keto-enols of formula I for therapeutic purposes, to pharmaceutical agents and to the use thereof in therapy, in particular for prophylaxis and therapy for tumor illnesses. Comps. of formula I wherein X is halo, NO₂ and CN; W and Y are independently H, NO₂, CN, halo, etc.; V₁, V₂ and V₃ are independently H, halo, NO₂, CN, C₁-6 alkyl, etc.; V₁V₂ taken together to form an (un)substituted heterocyclic ring; CKE is substituted cyclic keto-enol; are claimed. Example compound II was prepared by a general procedure (procedure given). All the invention comps. were evaluated for their antitumor activity (data given).

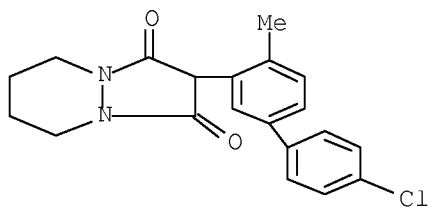
IT 845891-00-1P 845891-35-2P 845891-39-6P
 845891-45-4P 845891-49-8P 845891-61-4P
 845891-81-8P 845891-82-9P 845891-87-4P
 845891-88-5P 845891-89-6P 845892-08-2P
 845892-09-3P 1329580-19-9P 1329580-20-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of cyclic keto-enols as antitumor agents)

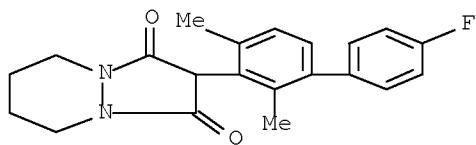
RN 845891-00-1 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)

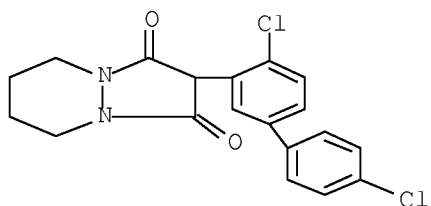


RN 845891-35-2 CAPLUS

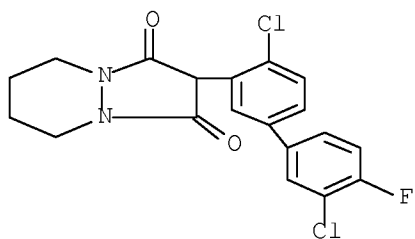
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



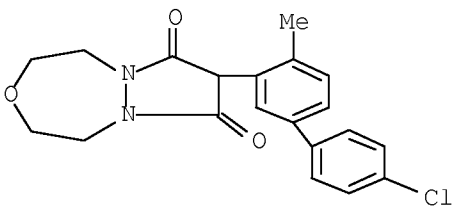
RN 845891-39-6 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



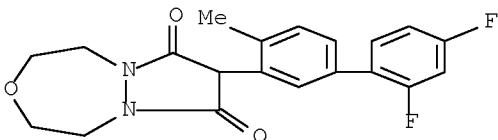
RN 845891-45-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3',4-dichloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



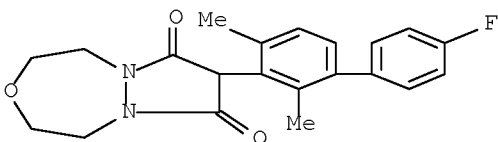
RN 845891-49-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



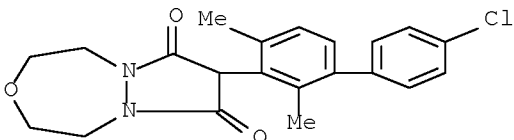
RN 845891-61-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',4'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



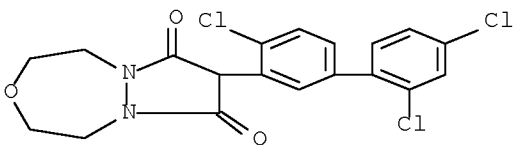
RN 845891-81-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



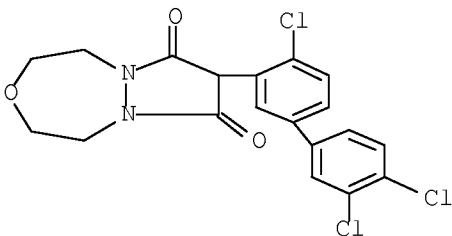
RN 845891-82-9 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-chloro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



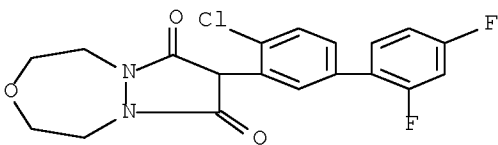
RN 845891-87-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(2',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



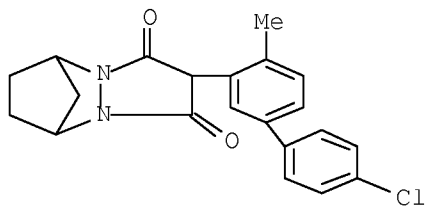
RN 845891-88-5 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(3',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



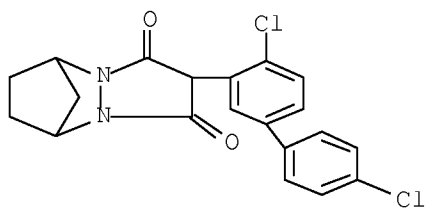
RN 845891-89-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4-chloro-2',4'-difluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



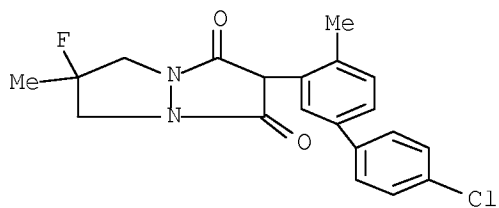
RN 845892-08-2 CAPLUS
 CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



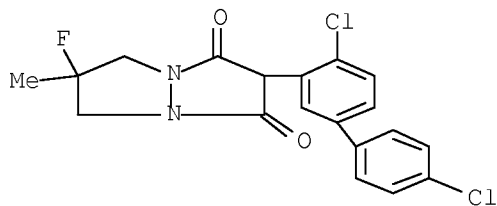
RN 845892-09-3 CAPLUS
 CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



RN 1329580-19-9 CAPLUS
 CN 1H,5H-Pyrazolo[1,2-a]pyrazole-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)-6-fluorodihydro-6-methyl-
 (CA INDEX NAME)



RN 1329580-20-2 CAPLUS
 CN 1H,5H-Pyrazolo[1,2-a]pyrazole-1,3(2H)-dione,
 2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)-6-fluorodihydro-6-methyl- (CA
 INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2011:1033144 CAPLUS Full-text

DOCUMENT NUMBER: 155:352397

TITLE: Cyclic keto-enols as anticancer agents and their preparation

INVENTOR(S): Liu, Ningshu; Thede, Kai; Lienau, Philip; Scholz, Arne; Najjar, Maher; Boemer, Ulf; Eis, Knut; Fischer, Reiner

PATENT ASSIGNEE(S): Bayer Schering Pharma AG, Germany

SOURCE: Ger. Offen., 121pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

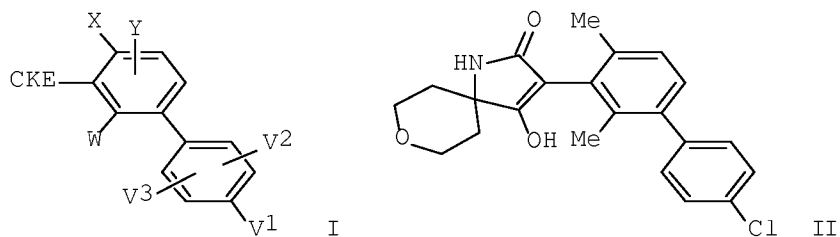
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102010008644	A1	20110818	DE 2010-102010008644	20100215
WO 2011098433	A1	20110818	WO 2011-EP51771	20110208
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: DE 2010-102010008644A 20100215

GI



AB The invention relates to 5'-biphenyl substituted cyclic keto-enols of formula I for therapeutic purposes, to pharmaceutical agents and to the use thereof in therapy, in particular for prophylaxis and therapy for tumor illnesses. Comps. of formula I wherein X is halo, NO₂, CN, etc.; W and Y are independently H, NO₂, CN, halo, etc.; V₁, V₂ and V₃ are independently H, halo, NO₂, CN, C₁-6 alkyl, etc.; V₁V₂ taken together to form an (un)substituted heterocyclic ring; CKE is substituted cyclic keto-enol; are claimed. Example compound II was prepared by a general procedure. All the invention comps. were evaluated for their antitumor activity (data given).

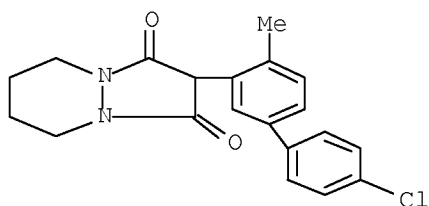
IT 845891-00-1P 845891-35-2P 845891-39-6P
 845891-45-4P 845891-49-8P 845891-61-4P
 845891-81-8P 845891-82-9P 845891-87-4P
 845891-88-5P 845891-89-6P 845892-08-2P
 845892-09-3P 1329580-19-9P 1329580-20-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of cyclic keto-enols as antitumor agents)

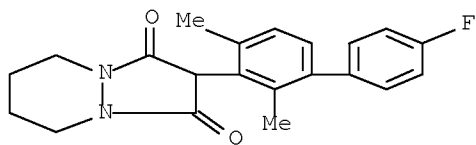
RN 845891-00-1 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)

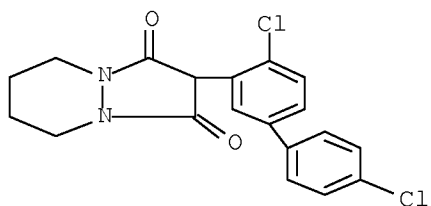


RN 845891-35-2 CAPLUS

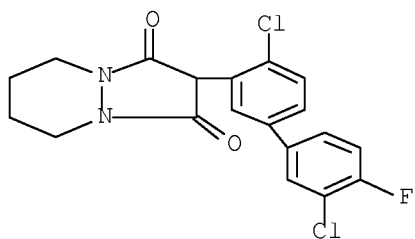
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



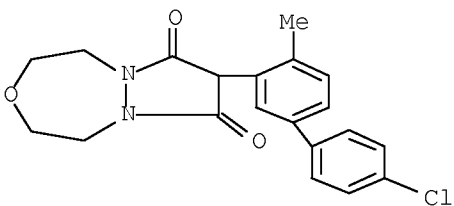
RN 845891-39-6 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4,4'-difluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



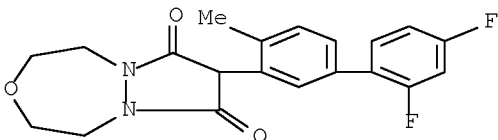
RN 845891-45-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3',4-dichloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



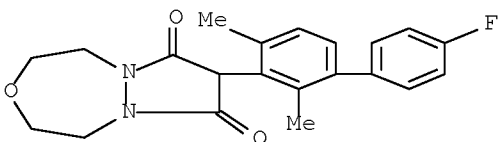
RN 845891-49-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



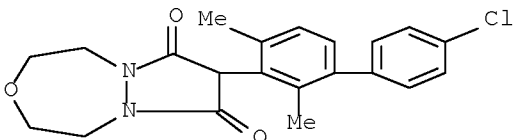
RN 845891-61-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',4'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



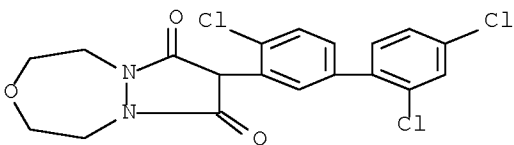
RN 845891-81-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



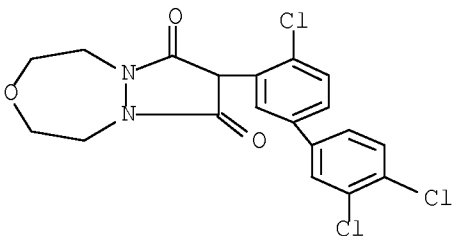
RN 845891-82-9 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-chloro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



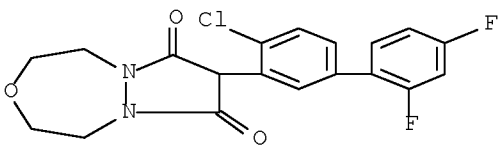
RN 845891-87-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(2',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



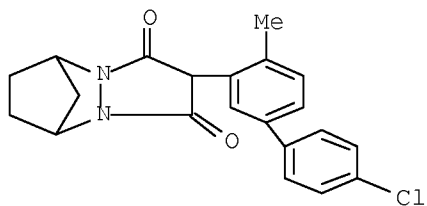
RN 845891-88-5 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(3',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



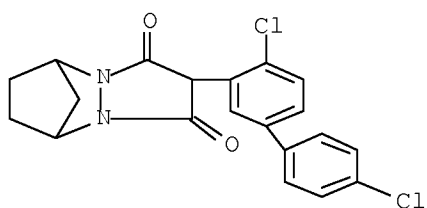
RN 845891-89-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4-chloro-2',4'-difluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



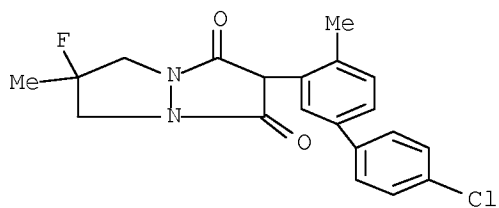
RN 845892-08-2 CAPLUS
 CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



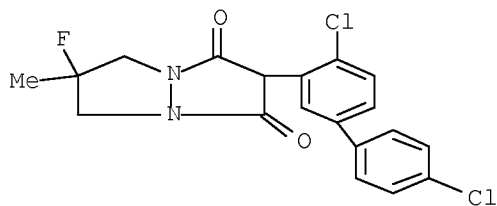
RN 845892-09-3 CAPLUS
 CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



RN 1329580-19-9 CAPLUS
 CN 1H,5H-Pyrazolo[1,2-a]pyrazole-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)-6-fluorodihydro-6-methyl-
 (CA INDEX NAME)



RN 1329580-20-2 CAPLUS
 CN 1H,5H-Pyrazolo[1,2-a]pyrazole-1,3(2H)-dione,
 2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)-6-fluorodihydro-6-methyl- (CA
 INDEX NAME)



L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 2005:158674 CAPLUS Full-text
 DOCUMENT NUMBER: 142:261533
 TITLE: Preparation of 4-biphenylpyrazolidin-3,5-diones as
 pesticide agents
 INVENTOR(S): Fischer, Reiner; Gesing, Ernst Rudolf F.; Feucht,
 Dieter; Kuck, Karl-Heinz; Loesel, Peter; Malsam, Olga;
 Arnold, Christian; Auler, Thomas; Hills, Martin
 Jeffrey; Kehne, Heinz
 PATENT ASSIGNEE(S): Bayer Cropsience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 114 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2005016933	A1	20050224	WO 2004-EP8639	20040802
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10337496	A1	20050414	DE 2003-10337496	20030814
AU 2004265090	A1	20050224	AU 2004-265090	20040802
CA 2535868	A1	20050224	CA 2004-2535868	20040802
EP 1656383	A1	20060517	EP 2004-763709	20040802
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1835954	A	20060920	CN 2004-80023261	20040802
CN 100383145	C	20080423		
BR 2004013583	A	20061017	BR 2004-13583	20040802
JP 2007502256	T	20070208	JP 2006-522946	20040802
IN 2006DE00003	A	20070831	IN 2006-DE3	20060102
KR 2006065680	A	20060614	KR 2006-7002976	20060213
US 20070093391	A1	20070426	US 2006-567383	20060906

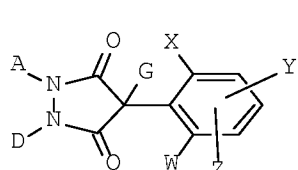
US 7569517 B2 20090804
PRIORITY APPLN. INFO.:

DE 2003-10337496 A 20030814
IN 2004-DE1308 A3 20040716
WO 2004-EP8639 W 20040802

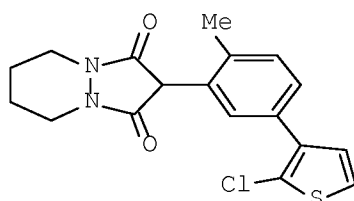
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:261533

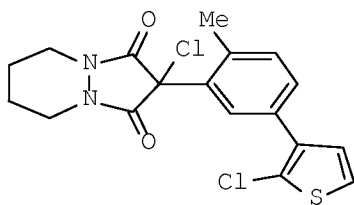
GI



I



II



III

AB Title compds. I [X = halo, alkyl alkenyl, etc.; Y = (un)substituted aryl, heteroaryl; A = H, (un)substitute alkyl, alkenyl, etc.; D = H, (un)substituted alkyl, alkenyl; G = halo, NO₂; W = H, halo, alkyl; Z = H, halo, alkyl, etc.] were prepared For example, tert-Bu hypochlorite mediated chlorination of dione II, afforded pyrazolidine-3,5-dione III in 57% yield. Compds. I are claimed to be useful as pesticide agents.

IT 1070193-76-8 1070193-79-1 1070193-80-4
1070193-83-7 1070193-85-9 1070193-88-2
1070193-89-3

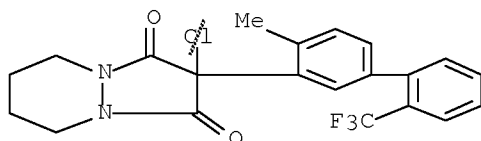
RL: PRPH (Prophetic)

(Preparation of 4-biphenylpyrazolidin-3,5-diones as pesticide agents)

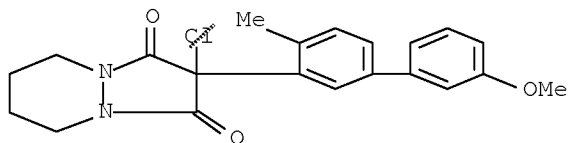
RN 1070193-76-8 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

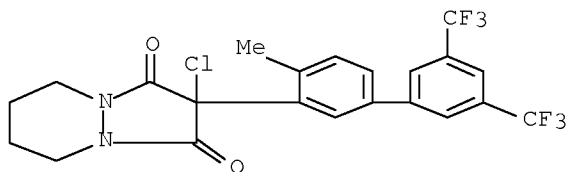
2-chlorotetrahydro-2-[4-methyl-2'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



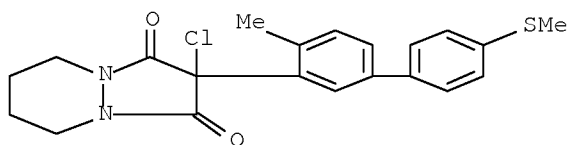
RN 1070193-79-1 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chlorotetrahydro-2-(3'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA
 INDEX
 NAME)



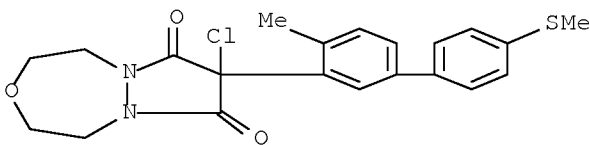
RN 1070193-80-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chlorotetrahydro-2-[4-methyl-3',5'-bis(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)



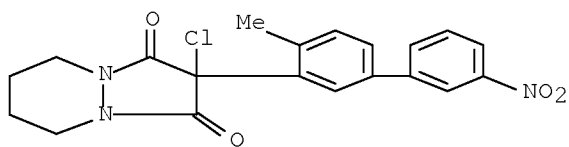
RN 1070193-83-7 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chlorotetrahydro-2-[4-methyl-4'-(methylthio)[1,1'-biphenyl]-3-yl]-
 (CA
 INDEX NAME)



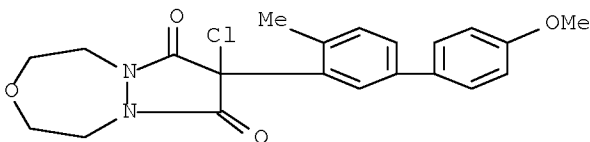
RN 1070193-85-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



RN 1070193-88-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chlorotetrahydro-2-(4-methyl-3'-nitro[1,1'-biphenyl]-3-yl)- (CA INDEX
 NAME)



RN 1070193-89-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



IT	845896-09-5P	845896-10-8P	845896-11-9P
	845896-12-0P	845896-13-1P	845896-14-2P
	845896-15-3P	845896-16-4P	845896-18-6P
	845896-19-7P	845896-20-0P	845896-21-1P
	845896-22-2P	845896-23-3P	845896-24-4P
	845896-25-5P	845896-26-6P	845896-27-7P
	845896-28-8P	845896-29-9P	845896-30-2P
	845896-31-3P	845896-32-4P	845896-33-5P
	845896-34-6P	845896-35-7P	845896-36-8P
	845896-37-9P	845896-38-0P	845896-39-1P
	845896-40-4P	845896-41-5P	845896-42-6P
	845896-43-7P	845896-44-8P	845896-45-9P
	845896-46-0P	845896-47-1P	845896-48-2P
	845896-49-3P	845896-50-6P	845896-51-7P
	845896-52-8P	845896-53-9P	845896-54-0P
	845896-55-1P	845896-56-2P	845896-57-3P
	845896-58-4P	845896-72-2P	845896-76-6P

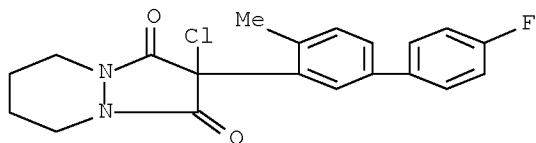
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of biphenylpyrazolidin-3,5-diones as pesticide agents)

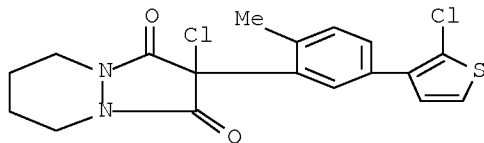
RN 845896-09-5 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



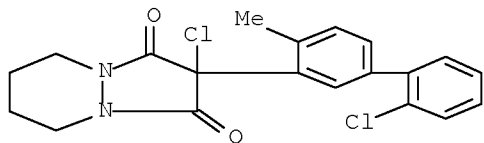
RN 845896-10-8 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-[5-(2-chloro-3-thienyl)-2-methylphenyl]tetrahydro- (CA INDEX
NAME)



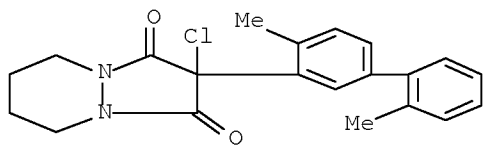
RN 845896-11-9 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-(2'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)

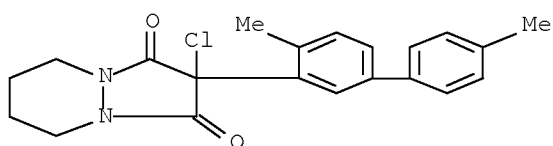


RN 845896-12-0 CAPLUS

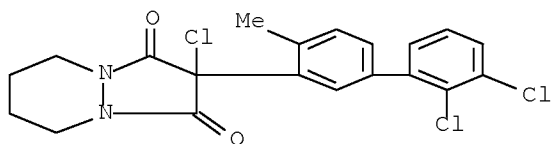
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-(2',4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



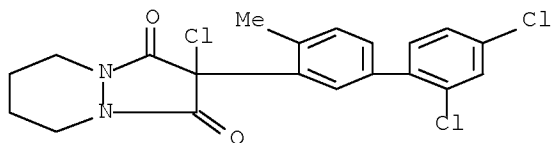
RN 845896-13-1 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chloro-2-(4,4'-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



RN 845896-14-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chloro-2-(2',3'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



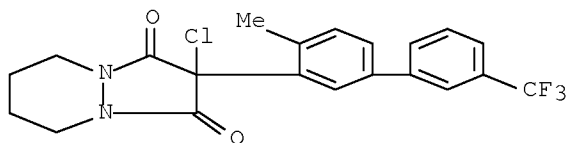
RN 845896-15-3 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chloro-2-(2',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



RN 845896-16-4 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

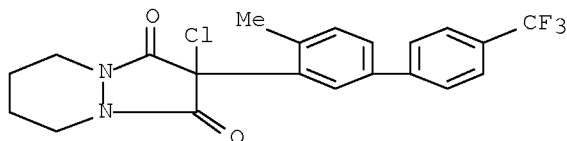
2-chlorotetrahydro-2-[4-methyl-3'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



RN 845896-18-6 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

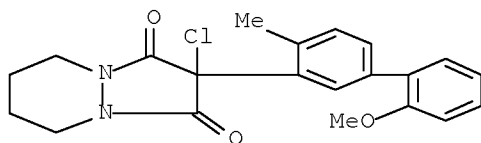
2-chlorotetrahydro-2-[4-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



RN 845896-19-7 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

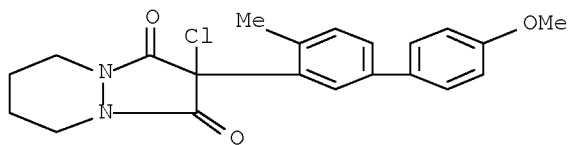
2-chlorotetrahydro-2-(2'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)-
INDEX
(CA NAME)



RN 845896-20-0 CAPLUS

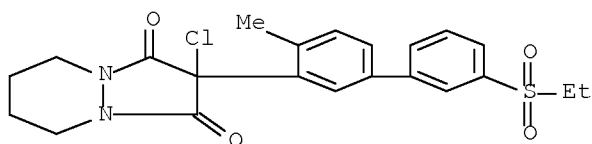
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

2-chlorotetrahydro-2-(4'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)-
INDEX
(CA NAME)



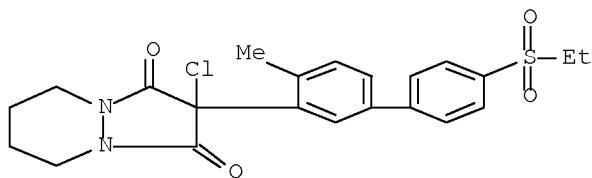
RN 845896-21-1 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-[3'-(ethylsulfonyl)-4-methyl[1,1'-biphenyl]-3-yl]tetrahydro-
(CA INDEX NAME)



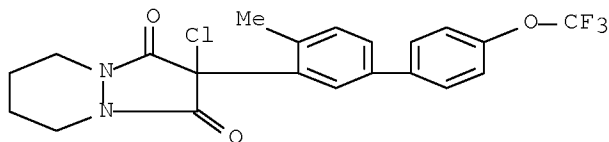
RN 845896-22-2 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-[4'-(ethylsulfonyl)-4-methyl[1,1'-biphenyl]-3-yl]tetrahydro-
(CA INDEX NAME)



RN 845896-23-3 CAPLUS

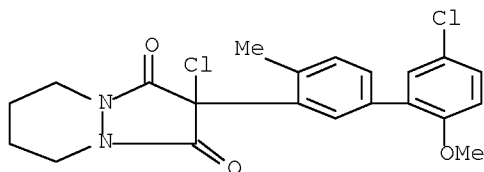
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-[4-methyl-4'-(trifluoromethoxy)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



RN 845896-24-4 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

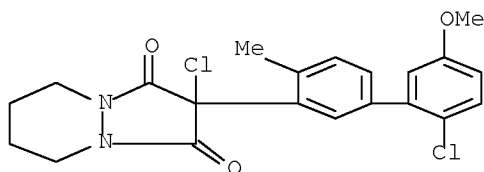
2-chloro-2-(5'-chloro-2'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro-
(CA INDEX NAME)



RN 845896-25-5 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

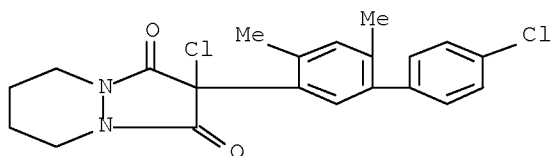
2-chloro-2-(2'-chloro-5'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro-
(CA INDEX NAME)



RN 845896-26-6 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

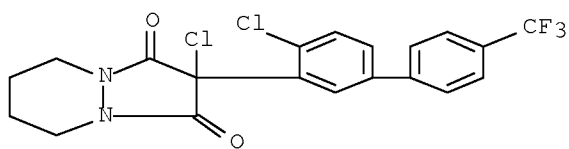
2-chloro-2-(4'-chloro-4,6-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
INDEX NAME)



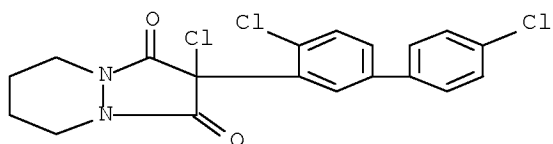
RN 845896-27-7 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

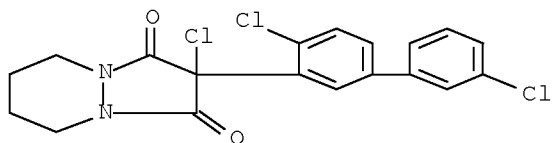
2-chloro-2-[4-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]tetrahydro-
(CA INDEX NAME)



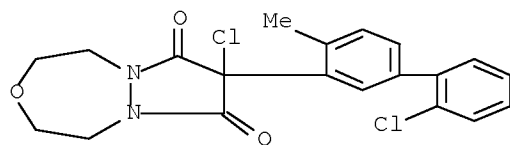
RN 845896-28-8 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chloro-2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



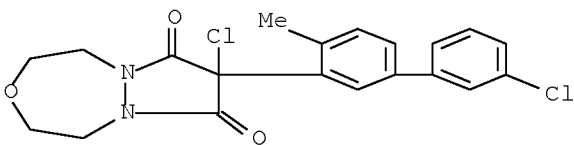
RN 845896-29-9 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-chloro-2-(3',4-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



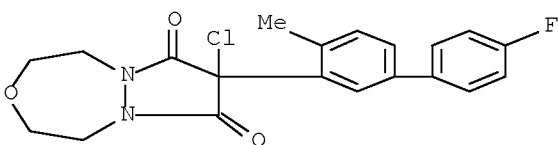
RN 845896-30-2 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(2'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



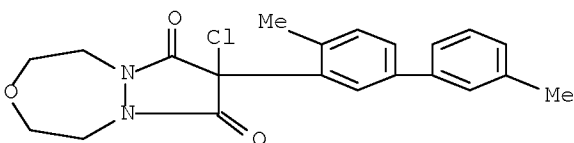
RN 845896-31-3 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(3'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



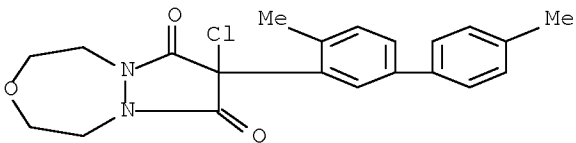
RN 845896-32-4 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



RN 845896-33-5 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(3',4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)

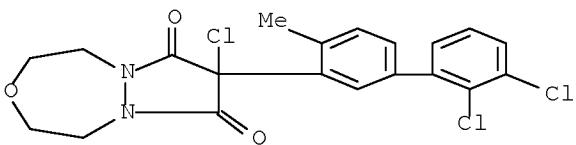


RN 845896-34-6 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(4,4'-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



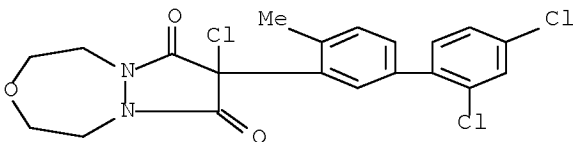
RN 845896-35-7 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(2',3'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
INDEX NAME)



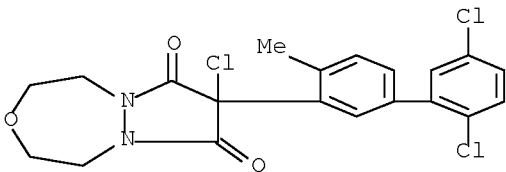
RN 845896-36-8 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(2',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
INDEX NAME)

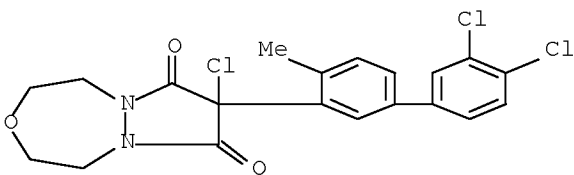


RN 845896-37-9 CAPLUS

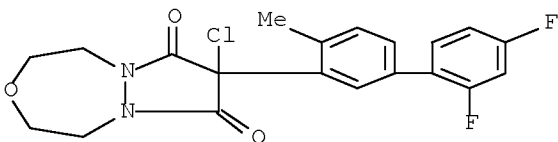
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(2',5'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
INDEX NAME)



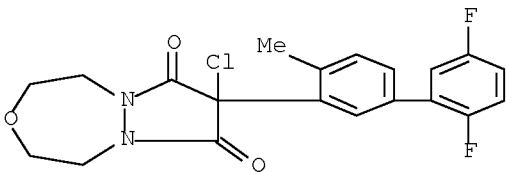
RN 845896-38-0 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(3',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



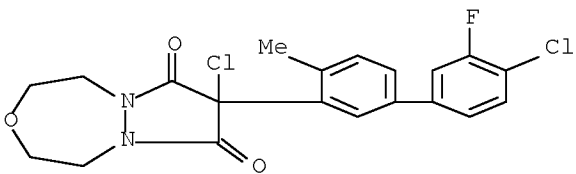
RN 845896-39-1 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(2',4'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



RN 845896-40-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(2',5'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



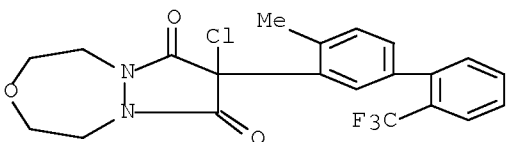
RN 845896-41-5 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(4'-chloro-3'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro-
 (CA INDEX NAME)



RN 845896-42-6 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,

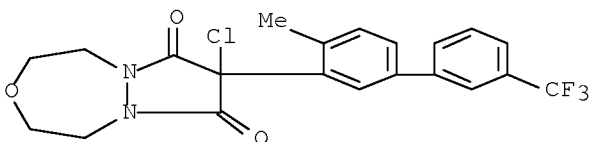
8-chlorotetrahydro-8-[4-methyl-2'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



RN 845896-43-7 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,

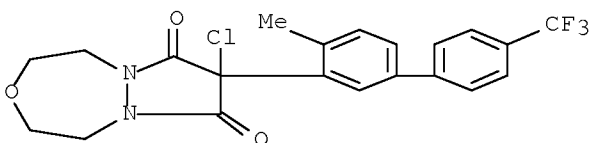
8-chlorotetrahydro-8-[4-methyl-3'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



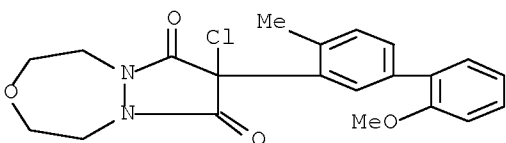
RN 845896-44-8 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,

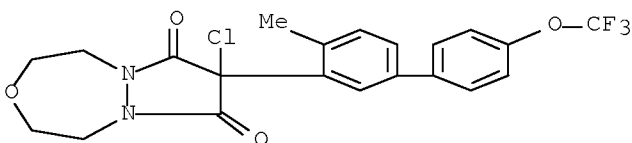
8-chlorotetrahydro-8-[4-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



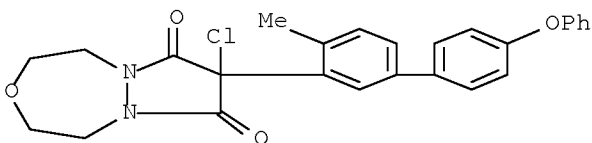
RN 845896-45-9 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chlorotetrahydro-8-(2'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA
 INDEX
 NAME)



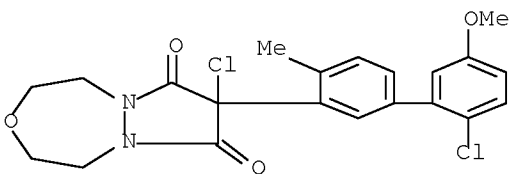
RN 845896-46-0 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chlorotetrahydro-8-[4-methyl-4'-(trifluoromethoxy)[1,1'-biphenyl]-3-yl]-
 (CA INDEX NAME)



RN 845896-47-1 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chlorotetrahydro-8-(4-methyl-4'-phenoxy[1,1'-biphenyl]-3-yl)- (CA
 INDEX
 NAME)



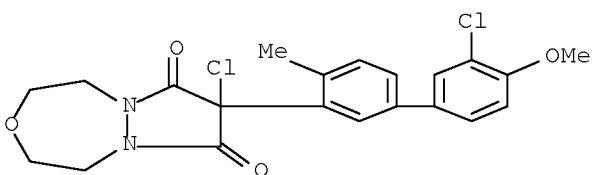
RN 845896-48-2 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(2'-chloro-5'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro-
 (CA INDEX NAME)



RN 845896-49-3 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,

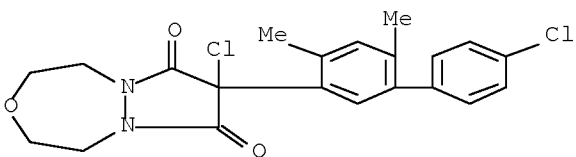
8-chloro-8-(3'-chloro-4'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro-
(CA INDEX NAME)



RN 845896-50-6 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,

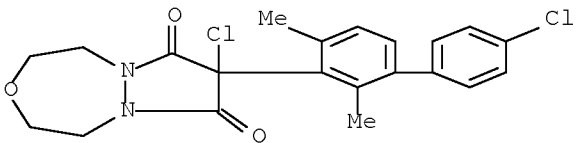
8-chloro-8-(4'-chloro-4,6-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
INDEX NAME)



RN 845896-51-7 CAPLUS

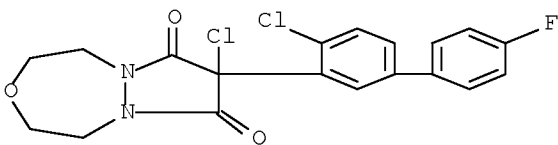
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,

8-chloro-8-(4'-chloro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
INDEX NAME)



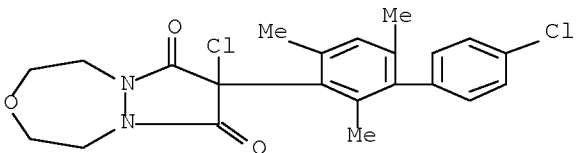
RN 845896-52-8 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(4-chloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



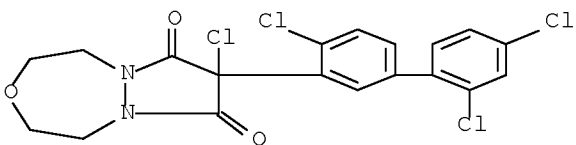
RN 845896-53-9 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chloro-8-(4'-chloro-2,4,6-trimethyl[1,1'-biphenyl]-3-yl)tetrahydro-
(CA INDEX NAME)

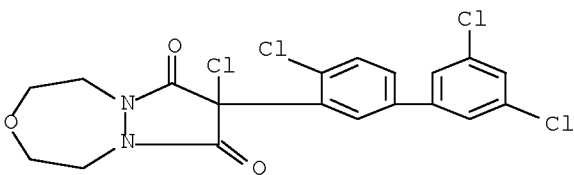


RN 845896-54-0 CAPLUS

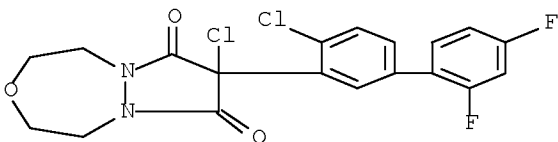
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-chlorotetrahydro-8-(2',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX
NAME)



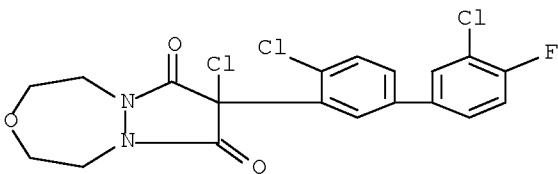
RN 845896-55-1 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chlorotetrahydro-8-(3',4,5'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX
 NAME)



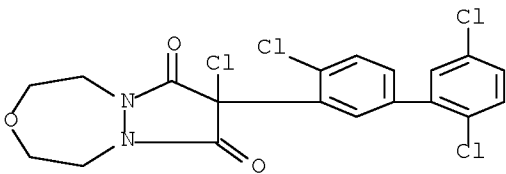
RN 845896-56-2 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(4-chloro-2',4'-difluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



RN 845896-57-3 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chloro-8-(3',4-dichloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)

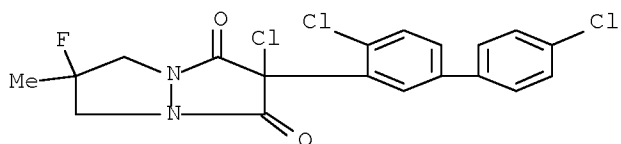


RN 845896-58-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-chlorotetrahydro-8-(2',4,5'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX
 NAME)



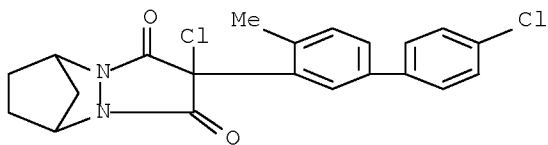
RN 845896-72-2 CAPLUS

CN 1H,5H-Pyrazolo[1,2-a]pyrazole-1,3(2H)-dione,
2-chloro-2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)-6-fluorodihydro-6-methyl-
(9CI) (CA INDEX NAME)



RN 845896-76-6 CAPLUS

CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-chloro-2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)

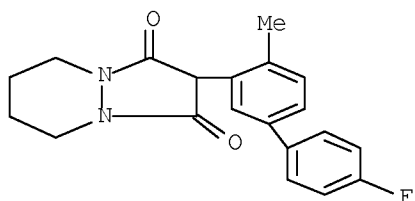


IT 845891-06-7 845896-77-7

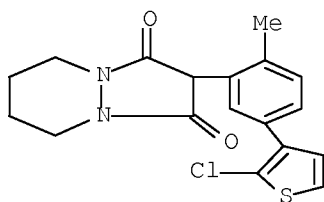
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of biphenylpyrazolidin-3,5-diones as pesticide agents)

RN 845891-06-7 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



RN 845896-77-7 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-[5-(2-chloro-3-thienyl)-2-methylphenyl]tetrahydro- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN
 ACCESSION NUMBER: 2005:158630 CAPLUS Full-text
 DOCUMENT NUMBER: 142:261530
 TITLE: Preparation of 4-biphenylpyrazolidin-3,5-diones and
 related compounds as herbicidal agents
 INVENTOR(S): Fischer, Reiner; Bretschneider, Thomas; Gesing, Ernst
 Rudolf F.; Feucht, Dieter; Kuck, Karl-Heinz; Loesel,
 Peter; Malsam, Olga; Arnold, Christian; Auler, Thomas;
 Hills, Martin Jeffrey; Kehne, Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 194 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005016873	A2	20050224	WO 2004-EP8638	20040802
WO 2005016873	A3	20050407		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

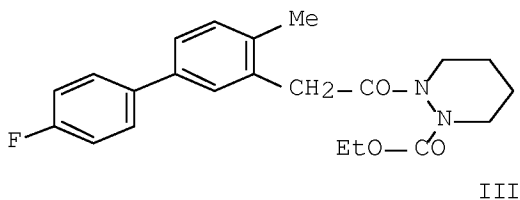
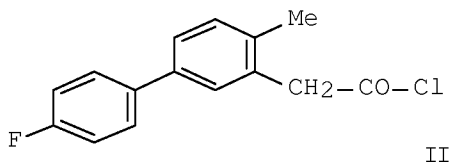
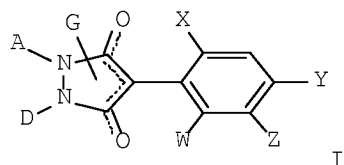
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

DE 10337497	A1	20050310	DE 2003-10337497	20030814
AU 2004265089	A1	20050224	AU 2004-265089	20040802
CA 2535512	A1	20050224	CA 2004-2535512	20040802
EP 1656382	A2	20060517	EP 2004-163708	20040802
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004013531	A	20061010	BR 2004-13531	20040802
CN 1863806	A	20061115	CN 2004-80029341	20040802
CN 1863806	B	20100616		
JP 2007502255	T	20070208	JP 2006-522945	20040802
CN 101323622	A	20081217	CN 2008-10135127	20040802
CN 102050722	A	20110511	CN 2010-10540066	20040802
IN 2005DE03381	A	20080905	IN 2005-DE3381	20051216
KR 2006065681	A	20060614	KR 2006-7002980	20060213
US 20080188371	A1	20080807	US 2007-567788	20070216
PRIORITY APPLN. INFO.:				
			DE 2003-10337497	A 20030814
			IN 2004-DE1309	A3 20040716
			CN 2004-80029341	A3 20040802
			WO 2004-EP8638	W 20040802

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:261530

GI



AB Title compds. I [X = halo, alkyl, alkoxy, etc.; Z = (un)substituted aryl, heteroaryl; W, Y = H, halo, alkyl, etc.; A = halo substituted alkyl, alkenyl, alkoxyalkyl, etc.; D = H, halo substituted alkyl, alkenyl, etc.; G = COR₁, C(=L)MR₂, SO₂R₃, etc.; R₁ = halo substituted alkyl, alkenyl, alkoxyalkyl, etc.; R₂ = halo substituted alkyl, alkenyl, (un)substituted cycloalkyl,

etc.; R3 = halo substituted alkyl, alkoxy, alkylamino, etc.] were prepared For example, N-acylation of tetrahydro-1(2H)-pyridazinecarboxylic acid Et ester with acid chloride II, afforded pyridazine III in 98% yield. Compds. I are claimed to be useful as herbicidal agents.

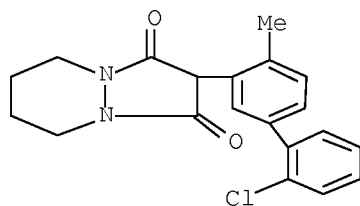
IT 845890-96-2F 845890-98-4F 845891-00-1F
 845891-01-2F 845891-03-4F 845891-06-7F
 845891-09-0F 845891-10-3F 845891-11-4F
 845891-12-5F 845891-13-6F 845891-14-7F
 845891-15-8F 845891-16-9F 845891-17-0F
 845891-18-1F 845891-19-2F 845891-20-5F
 845891-21-6F 845891-22-7F 845891-23-8F
 845891-24-9F 845891-25-0F 845891-26-1F
 845891-27-2F 845891-28-3F 845891-29-4F
 845891-30-7F 845891-31-8F 845891-32-9F
 845891-33-0F 845891-34-1F 845891-35-2F
 845891-36-3F 845891-37-4F 845891-38-5F
 845891-39-6F 845891-40-9F 845891-41-0F
 845891-42-1F 845891-43-2F 845891-44-3F
 845891-45-4F 845891-46-5F 845891-47-6F
 845891-48-7F 845891-49-8F 845891-50-1F
 845891-51-2F 845891-52-3F 845891-53-4F
 845891-54-5F 845891-55-6F 845891-56-7F
 845891-57-8F 845891-58-9F 845891-59-0F
 845891-60-3F 845891-61-4F 845891-63-6F
 845891-65-8F 845891-66-9F 845891-67-0F
 845891-68-1F 845891-69-2F 845891-70-5F
 845891-71-6F 845891-72-7F 845891-73-8F
 845891-74-9F 845891-75-0F 845891-76-1F
 845891-77-2F 845891-78-3F 845891-79-4F
 845891-80-7F 845891-81-8F 845891-82-9F
 845891-83-0F 845891-84-1F 845891-85-2F
 845891-86-3F 845891-87-4F 845891-88-5F
 845891-89-6F 845891-90-9F 845891-91-0F
 845891-92-1F 845891-93-2F 845891-94-3F
 845891-95-4F 845891-96-5F 845891-97-6F
 845891-98-7F 845891-99-8F 845892-08-2F
 845892-09-3F

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

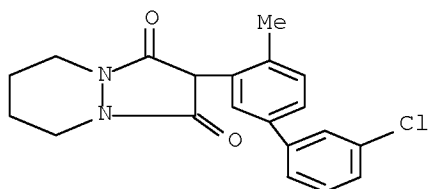
(preparation of 4-biphenylpyrazolidin-3,5-diones and related compds. as herbicidal agents)

RN 845890-96-2 CAPLUS

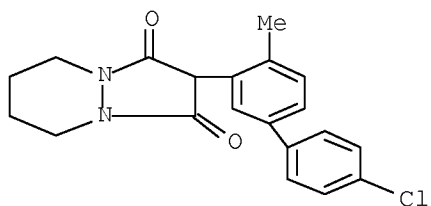
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



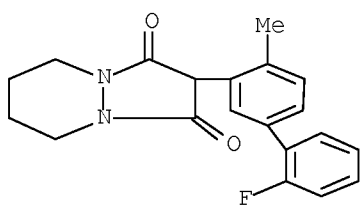
RN 845890-98-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



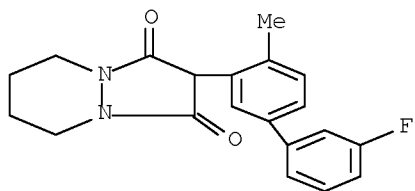
RN 845891-00-1 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



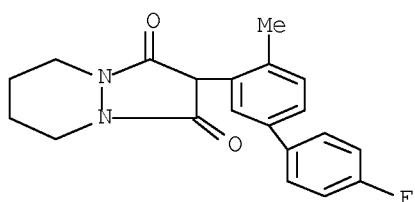
RN 845891-01-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



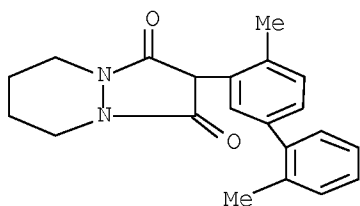
RN 845891-03-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



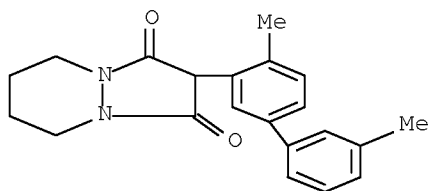
RN 845891-06-7 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



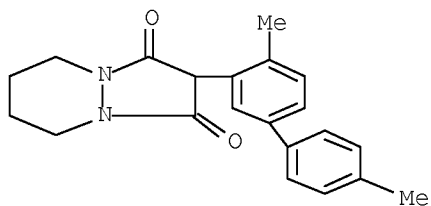
RN 845891-09-0 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2',4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



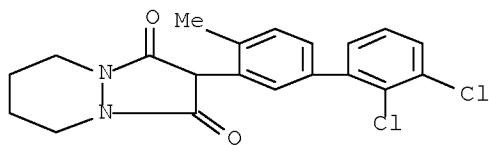
RN 845891-10-3 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3',4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



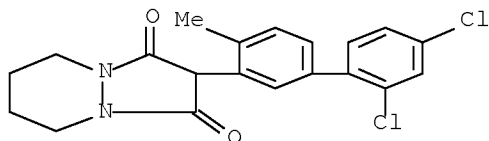
RN 845891-11-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4,4'-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



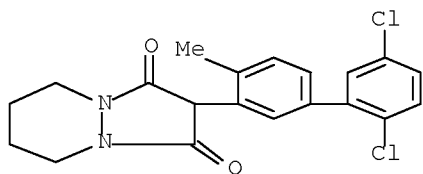
RN 845891-12-5 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2',3'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



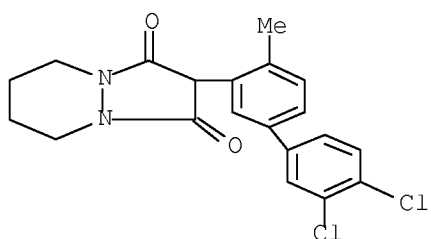
RN 845891-13-6 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



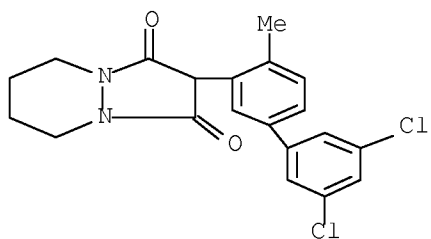
RN 845891-14-7 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2',5'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



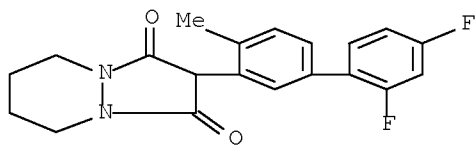
RN 845891-15-8 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



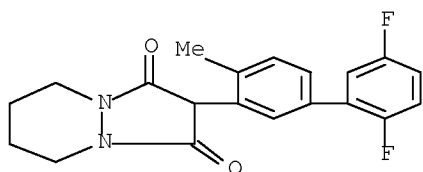
RN 845891-16-9 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3',5'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



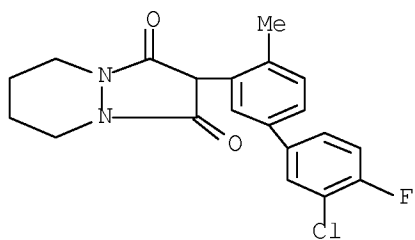
RN 845891-17-0 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2',4'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



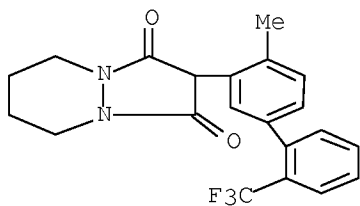
RN 845891-18-1 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(2',5'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



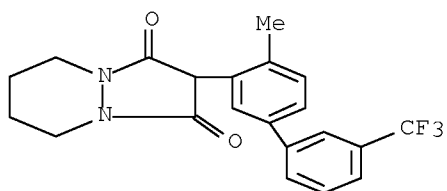
RN 845891-19-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3'-chloro-4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX NAME)



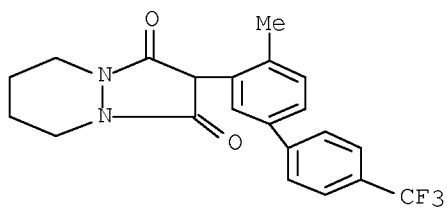
RN 845891-20-5 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-[4-methyl-2'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA
 INDEX NAME)



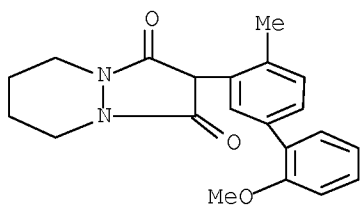
RN 845891-21-6 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-[4-methyl-3'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA
 INDEX NAME)



RN 845891-22-7 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-[4-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA
 INDEX NAME)

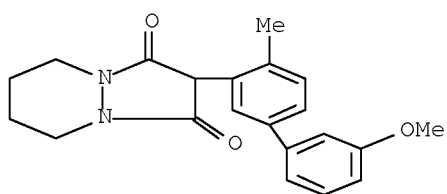


RN 845891-23-8 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-(2'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



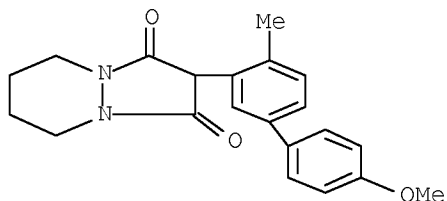
RN 845891-24-9 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-(3'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



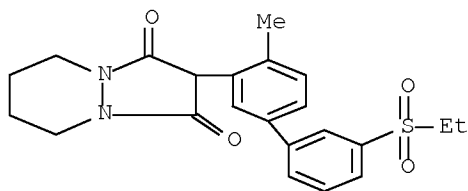
RN 845891-25-0 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-(4'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



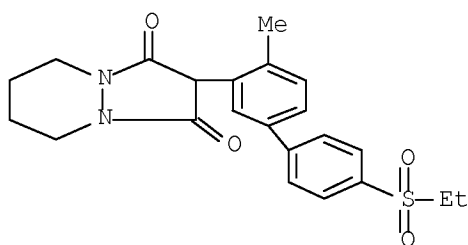
RN 845891-26-1 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-[3'-(ethylsulfonyl)-4-methyl[1,1'-biphenyl]-3-yl]tetrahydro- (CA INDEX NAME)



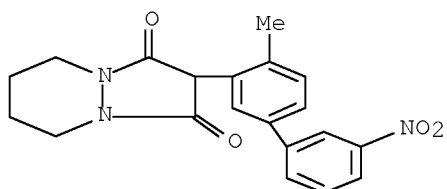
RN 845891-27-2 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-[4'-(ethylsulfonyl)-4-methyl[1,1'-biphenyl]-3-yl]tetrahydro- (CA INDEX
NAME)



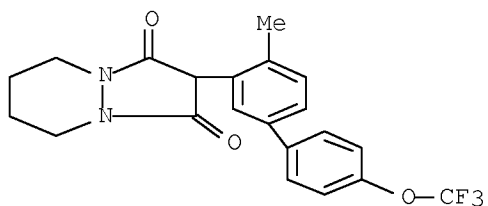
RN 845891-28-3 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-(4-methyl-3'-nitro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



RN 845891-29-4 CAPLUS

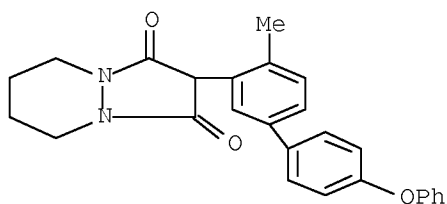
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-[4-methyl-4'-(trifluoromethoxy)[1,1'-biphenyl]-3-yl]- (CA
INDEX NAME)



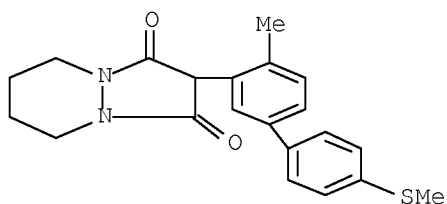
RN 845891-30-7 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,

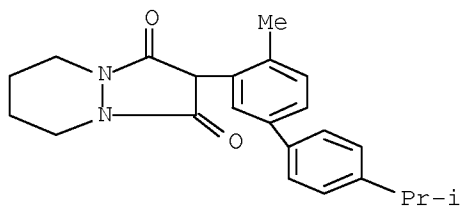
tetrahydro-2-(4-methyl-4'-phenoxy[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



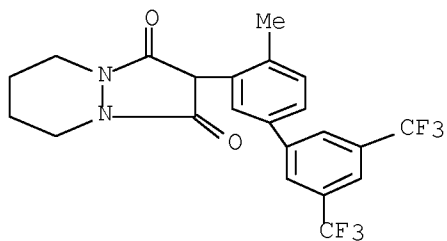
RN 845891-31-8 CAPLUS
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-[4-methyl-4'-(methylthio)[1,1'-biphenyl]-3-yl]- (CA INDEX
NAME)



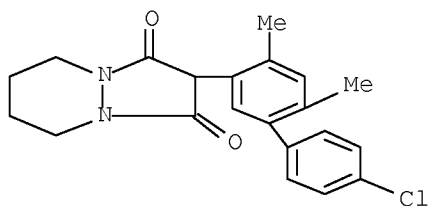
RN 845891-32-9 CAPLUS
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-[4-methyl-4'-(1-methylethyl)[1,1'-biphenyl]-3-yl]- (CA
INDEX
NAME)



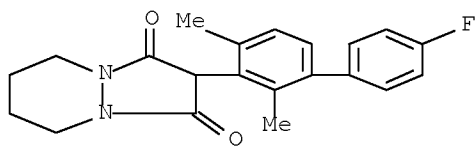
RN 845891-33-0 CAPLUS
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
tetrahydro-2-[4-methyl-3',5'-bis(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)



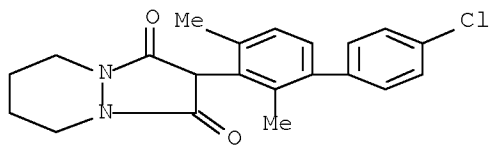
RN 845891-34-1 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-4,6-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



RN 845891-35-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)

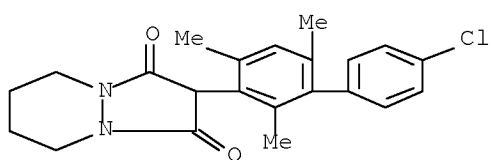


RN 845891-36-3 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4'-chloro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



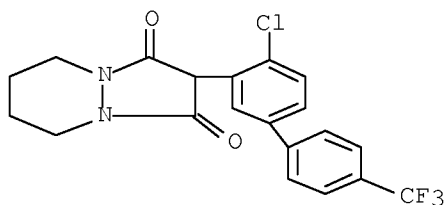
RN 845891-37-4 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(4'-chloro-2,4,6-trimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



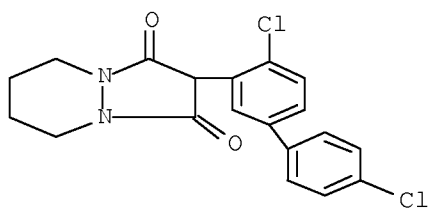
RN 845891-38-5 CAPLUS

CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-[4-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]tetrahydro- (CA
INDEX NAME)

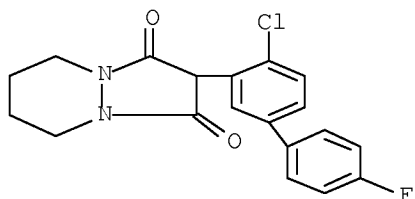


RN 845891-39-6 CAPLUS

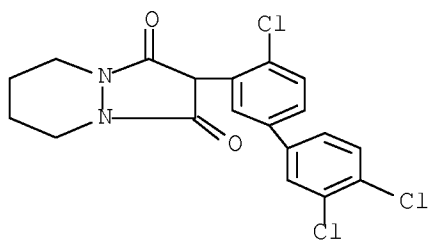
CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



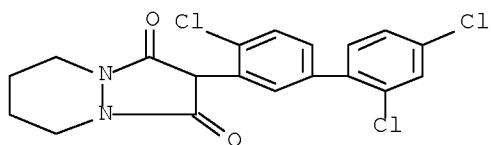
RN 845891-40-9 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4-chloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



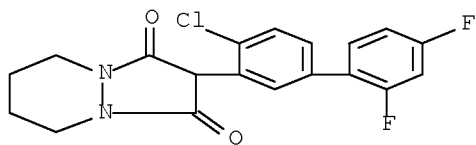
RN 845891-41-0 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-(3',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



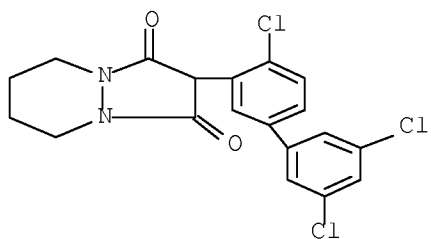
RN 845891-42-1 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-(2',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



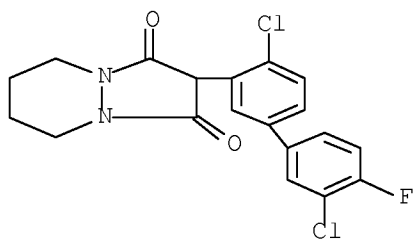
RN 845891-43-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(4-chloro-2',4'-difluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



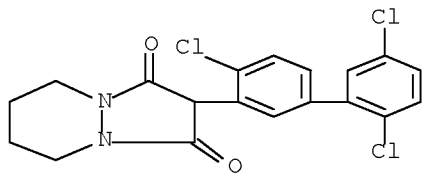
RN 845891-44-3 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-(3',4,5'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



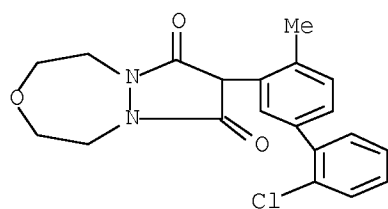
RN 845891-45-4 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 2-(3',4-dichloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



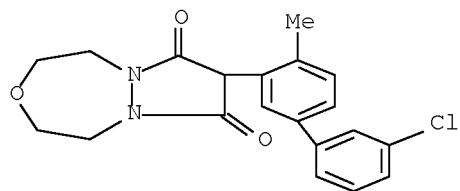
RN 845891-46-5 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-(2',4,5'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



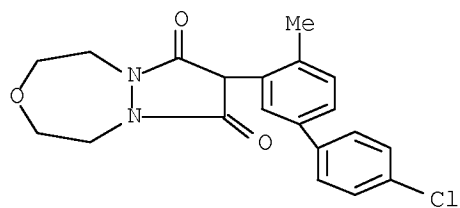
RN 845891-47-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



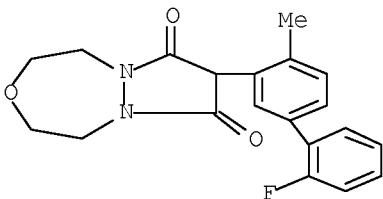
RN 845891-48-7 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(3'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



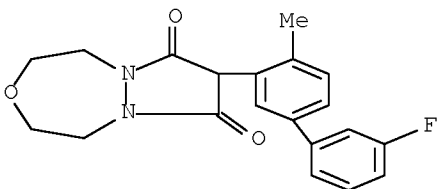
RN 845891-49-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



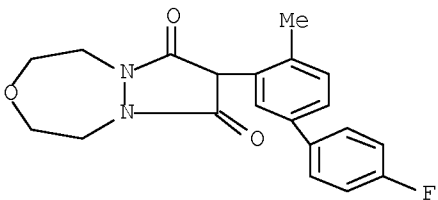
RN 845891-50-1 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-(2'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



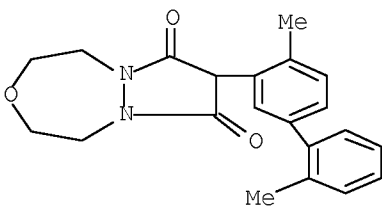
RN 845891-51-2 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-(3'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



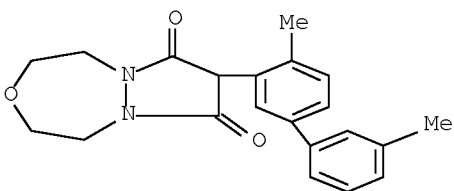
RN 845891-52-3 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



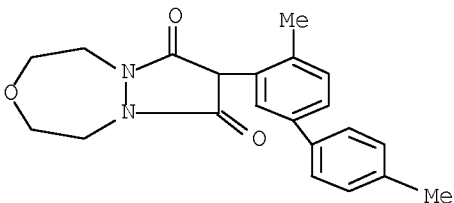
RN 845891-53-4 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-(2',4'-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



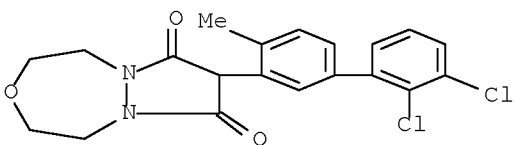
RN 845891-54-5 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(3',4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



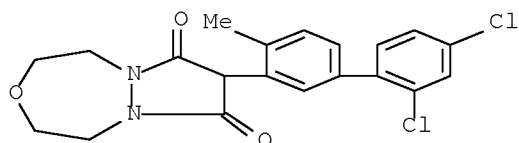
RN 845891-55-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4,4'-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



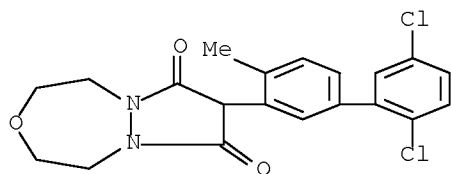
RN 845891-56-7 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',3'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



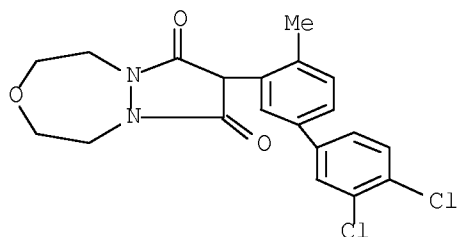
RN 845891-57-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



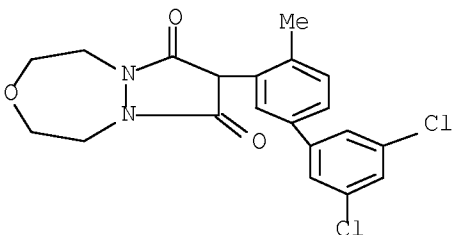
RN 845891-58-9 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',5'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



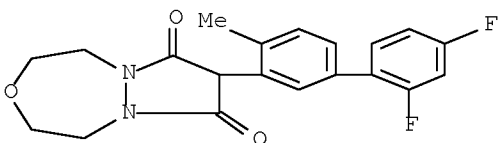
RN 845891-59-0 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(3',4'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



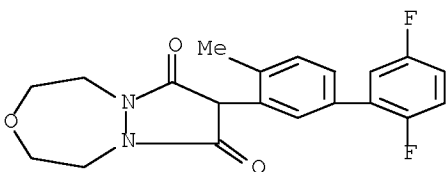
RN 845891-60-3 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(3',5'-dichloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



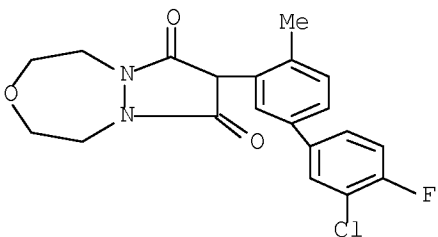
RN 845891-61-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',4'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



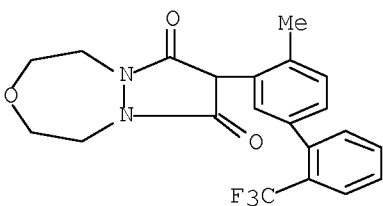
RN 845891-63-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(2',5'-difluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



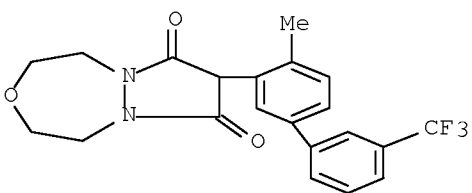
RN 845891-65-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(3'-chloro-4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA
 INDEX
 NAME)



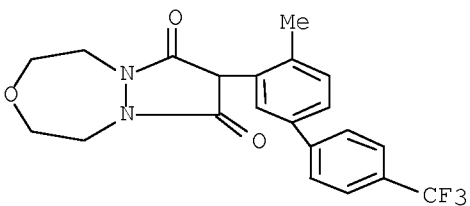
RN 845891-66-9 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-[4-methyl-2'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA
 INDEX NAME)



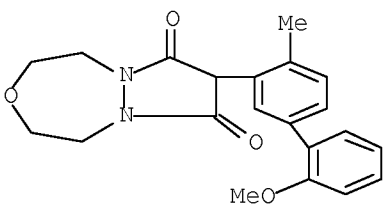
RN 845891-67-0 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-[4-methyl-3'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA
 INDEX NAME)



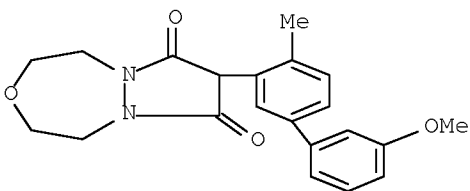
RN 845891-68-1 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-[4-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]- (CA
 INDEX NAME)



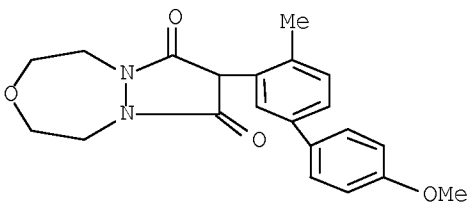
RN 845891-69-2 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(2'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



RN 845891-70-5 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(3'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)

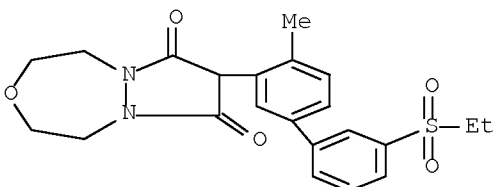


RN 845891-71-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(4'-methoxy-4-methyl[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



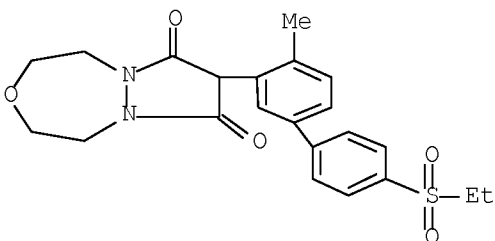
RN 845891-72-7 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-[3'-(ethylsulfonyl)-4-methyl[1,1'-biphenyl]-3-yl]tetrahydro- (CA INDEX
NAME)



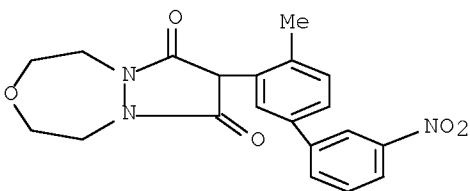
RN 845891-73-8 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-[4'-(ethylsulfonyl)-4-methyl[1,1'-biphenyl]-3-yl]tetrahydro- (CA INDEX
NAME)



RN 845891-74-9 CAPLUS

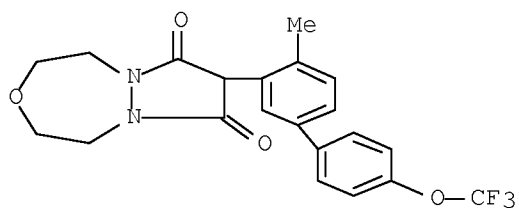
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
tetrahydro-8-(4-methyl-3'-nitro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



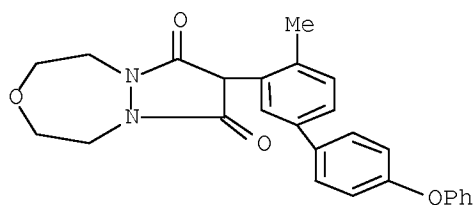
RN 845891-75-0 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
tetrahydro-8-[4-methyl-4'-(trifluoromethoxy)[1,1'-biphenyl]-3-yl]- (CA

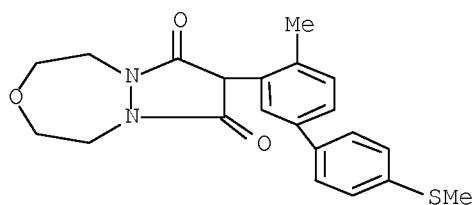
INDEX NAME)



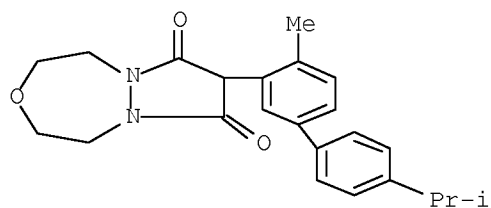
RN 845891-76-1 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
tetrahydro-8-(4-methyl-4'-phenoxy[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



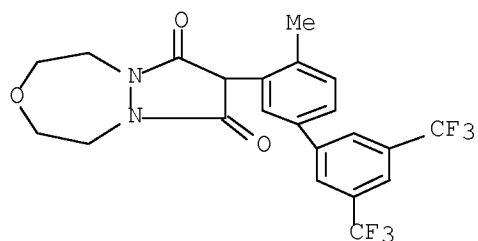
RN 845891-77-2 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
tetrahydro-8-[4-methyl-4'-(methoxy)[1,1'-biphenyl]-3-yl]- (CA INDEX
NAME)



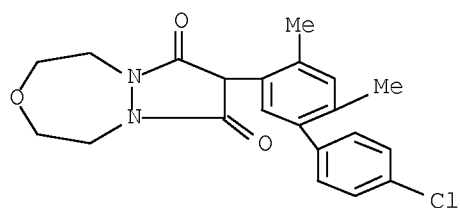
RN 845891-78-3 CAPLUS
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
tetrahydro-8-[4-methyl-4'-(1-methylethyl)[1,1'-biphenyl]-3-yl]- (CA
INDEX
NAME)



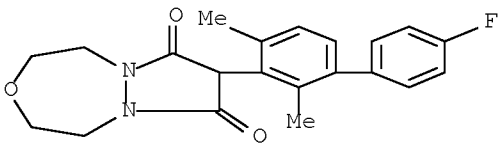
RN 845891-79-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-[4-methyl-3',5'-bis(trifluoromethyl)[1,1'-biphenyl]-3-yl]-
 (CA INDEX NAME)



RN 845891-80-7 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-chloro-4,6-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)

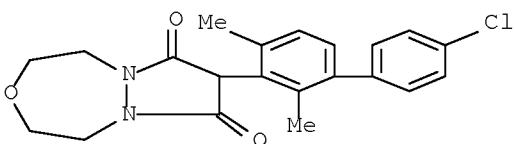


RN 845891-81-8 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4'-fluoro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



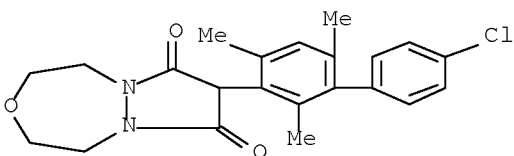
RN 845891-82-9 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-(4'-chloro-2,4-dimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)



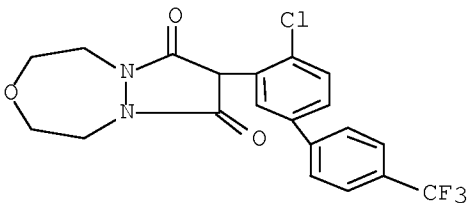
RN 845891-83-0 CAPLUS

CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-(4'-chloro-2,4,6-trimethyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
NAME)

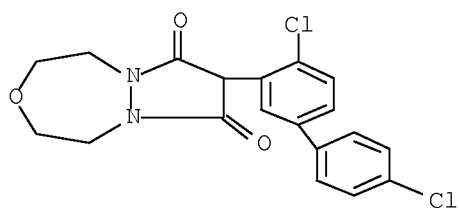


RN 845891-84-1 CAPLUS

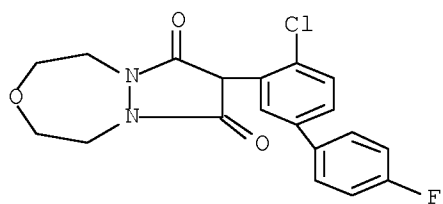
CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
8-[4-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]tetrahydro- (CA
INDEX NAME)



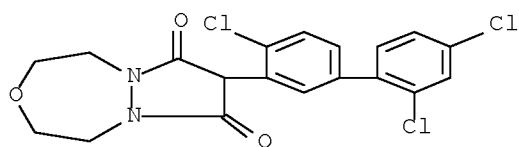
RN 845891-85-2 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



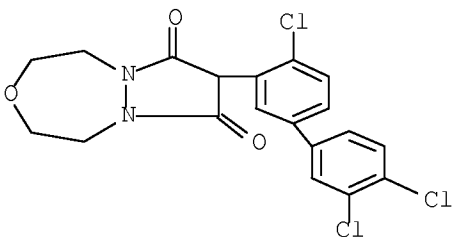
RN 845891-86-3 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4-chloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



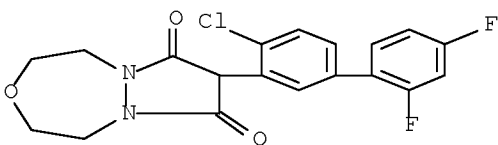
RN 845891-87-4 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(2',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



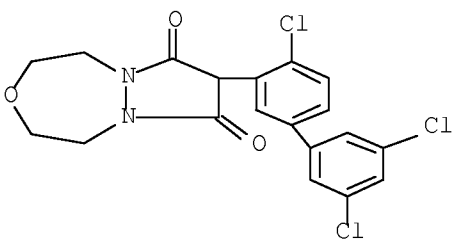
RN 845891-88-5 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(3',4,4'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



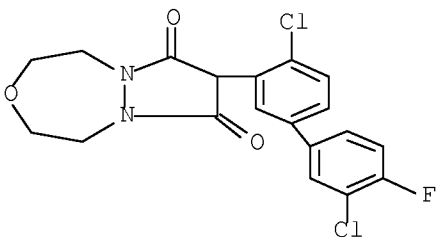
RN 845891-89-6 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(4-chloro-2',4'-difluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



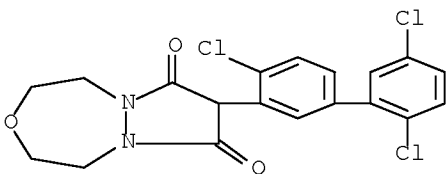
RN 845891-90-9 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(3',4,5'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



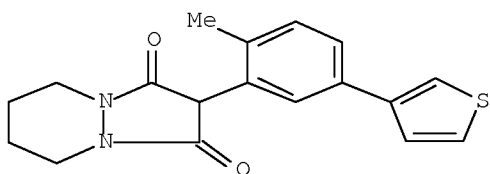
RN 845891-91-0 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 8-(3',4-dichloro-4'-fluoro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX
 NAME)



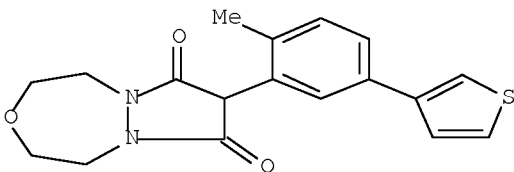
RN 845891-92-1 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-(2',4,5'-trichloro[1,1'-biphenyl]-3-yl)- (CA INDEX NAME)



RN 845891-93-2 CAPLUS
 CN 1H-Pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
 tetrahydro-2-[2-methyl-5-(3-thienyl)phenyl]- (CA INDEX NAME)

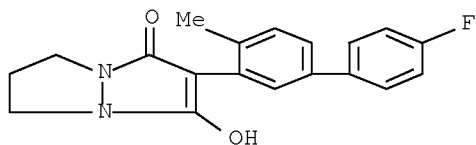


RN 845891-94-3 CAPLUS
 CN 7H-Pyrazolo[1,2-d][1,4,5]oxadiazepine-7,9(8H)-dione,
 tetrahydro-8-[2-methyl-5-(3-thienyl)phenyl]- (CA INDEX NAME)



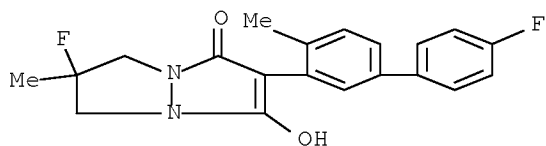
RN 845891-95-4 CAPLUS

CN 1H,5H-Pyrazolo[1,2-a]pyrazol-1-one,
2-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)-6,7-dihydro-3-hydroxy- (CA
INDEX NAME)



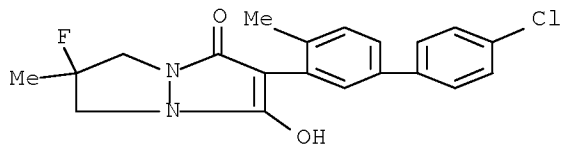
RN 845891-96-5 CAPLUS

CN 1H,5H-Pyrazolo[1,2-a]pyrazol-1-one,
6-fluoro-2-(4'-fluoro-4-methyl[1,1'-biphenyl]-3-yl)-6,7-dihydro-3-hydroxy-
6-methyl- (CA INDEX NAME)



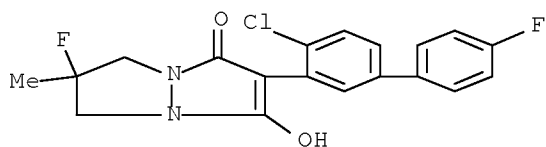
RN 845891-97-6 CAPLUS

CN 1H,5H-Pyrazolo[1,2-a]pyrazol-1-one,
2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)-6-fluoro-6,7-dihydro-3-hydroxy-
6-methyl- (CA INDEX NAME)



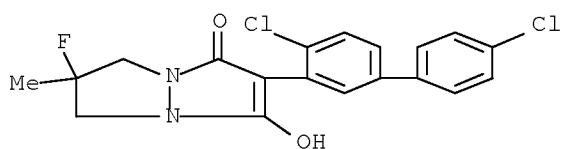
RN 845891-98-7 CAPLUS

CN 1H,5H-Pyrazolo[1,2-a]pyrazol-1-one,
2-(4-chloro-4'-fluoro[1,1'-biphenyl]-3-yl)-6-fluoro-6,7-dihydro-3-hydroxy-
6-methyl- (CA INDEX NAME)



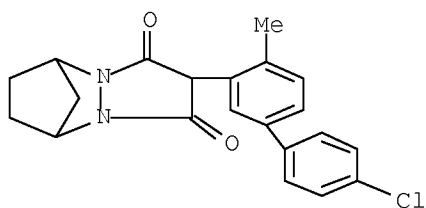
RN 845891-99-8 CAPLUS

CN 1H,5H-Pyrazolo[1,2-a]pyrazol-1-one,
2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)-6-fluoro-6,7-dihydro-3-hydroxy-6-
methyl- (CA INDEX NAME)



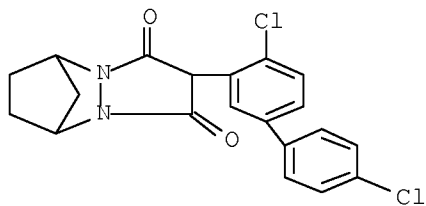
RN 845892-08-2 CAPLUS

CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



RN 845892-09-3 CAPLUS

CN 5,8-Methano-1H-pyrazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(4,4'-dichloro[1,1'-biphenyl]-3-yl)tetrahydro- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=>

Executing the logoff script...

=> LOG H

(FILE 'HOME' ENTERED AT 14:02:36 ON 04 OCT 2011)

FILE 'REGISTRY' ENTERED AT 14:03:05 ON 04 OCT 2011

L1 STRUCTURE UPLOADED
D
L2 13 SEA FILE=REGISTRY SSS SAM L1
L3 169 SEA FILE=REGISTRY SSS FUL L1
L4 STRUCTURE UPLOADED
D
L5 1 SEA FILE=REGISTRY SUB=L3 SSS SAM L4
D SCAN
L6 11 SEA FILE=REGISTRY SUB=L3 SSS FUL L4
L7 158 SEA FILE=REGISTRY ABB=ON PLU=ON L3 NOT L6
L8 158 SEA FILE=REGISTRY ABB=ON PLU=ON L7 AND CAPLUS/LC

FILE 'CAPLUS' ENTERED AT 14:06:16 ON 04 OCT 2011

L9 4 SEA FILE=CAPLUS ABB=ON PLU=ON L8
D IBIB ABS HITSTR TOT

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	24.36	276.04
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.48	-3.48

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:06:46 ON 04 OCT 2011